

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
21 July 2005 (21.07.2005)

PCT

(10) International Publication Number
WO 2005/066448 A1

(51) International Patent Classification⁷:

E06B 9/02

FIGUEIREDO, Pedro Manuel [PT/PT]; Adães, 3720-581 UL, Oliveira de Azeméis (PT).

(21) International Application Number:

PCT/IB2004/004285

(74) Agents: PELAYO DE SOUSA HENRIQUES, Rui et al.; Arlindo de Sousa - Marcas e Patentes, Lda., Rua de Sá da Bandeira, 706 - 6.º Dt.º, P-4000-432 Porto (PT).

(22) International Filing Date:

24 December 2004 (24.12.2004)

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(25) Filing Language:

Portuguese

(26) Publication Language:

English

(30) Priority Data:

103057 31 December 2003 (31.12.2003) PT

(71) Applicant (for all designated States except US): M. FIGUEIREDO, LDA. [PT/PT]; Adães, 3720-581 UL, Oliveira de Azeméis (PT).

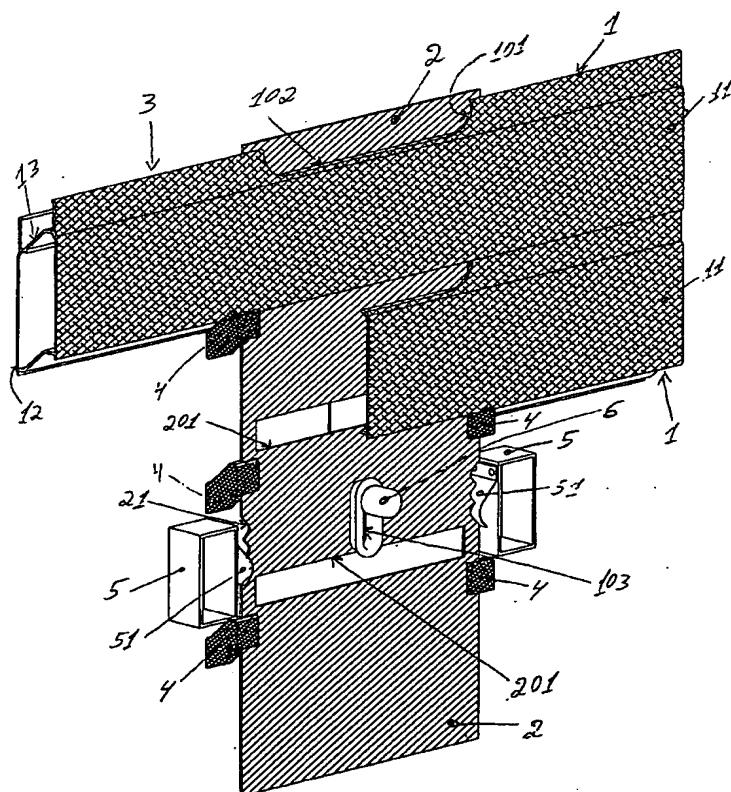
(72) Inventor; and

(75) Inventor/Applicant (for US only): DE OLIVEIRA

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH,

[Continued on next page]

(54) Title: PANEL FOR SHUTTER



(57) Abstract: The present invention concerns a panel (3) for shutter formed by profiles (1) successively juxtaposed with interior faces (11) and exterior faces (12), openings (101) - that place these faces in communication - and slots (102) in correspondence with the openings (101); which comprises a plate (2) provided with openings (201) which is introduced through the slots (102) and may translate in order to assume at least two distinct positions, one of correspondence between its openings (201) and the openings (101) of the profiles - allowing the passage of light and air - and another of lack of correspondence between such openings - preventing such a passage. The profiles are tubular and have internal walls (13). The plate (2) has recesses (21) for attachment by cooperation with means (5) provided with springs (51), its translation being guided by caps (4) and controlled by a handle (6) which slides in a slot (103).



GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.